

BagAmp

**PORTABLE
SOUND
SYSTEM**



USER MANUAL

FEATURES

Your BagAmp is a self-contained portable amplifier system designed to be an easy to carry solution for voice or music amplification in small to medium size settings.

General Design

BagAmp is a long thin column made from a rugged composite material that contains a preamplifier, a power amplifier, and loudspeakers in this one unit.

The preamplifier has two identical input channels that accept instrument level (using a 1/4-inch phone plug), microphone, or line levels (using an XLR plug), and provide signal level control, as well as phantom power for using condenser microphones. The power amplifier directly powers the eight (8) 75mm diameter AudioPiston flat face loudspeakers.

Front panel controls are arranged as two vertical groups, one for each of the two input channels, plus a master volume control, power indicator, and mute button and indicator. Each channel has a Gain control, reverb control, and EQ control. If a 1/4-inch phone plug is connected to the channel input the system has a natural sensitivity appropriate for guitar or other instrument pickup signal levels. If an XLR plug is connected, then the -10dB "pad" button can be used to reduce the signal level of that input to avoid distortion or to simply lower the level to best match the other channel being used. The "Phantom" power button switches on and off 48VDC phantom power to both channels. The "Master" volume knob adjusts the overall loudness of the system. And, the "Mute" button shuts off the signal to both the internal power amplifier and to the rear panel line output.

- 250W RMS class D amplifier provides high efficiency and cool operation
- Eight 3" line array high-excursion piston speakers
- 2 XLR-1/4" combo inputs with independent control and 10dB attenuator switch
- Selectable 48V phantom power for condenser microphones
- Constructed of durable, lightweight polymer composite material
- Balanced XLR output with independent level control connects to optional powered subwoofer (sold separately)
- Separate EQ control on each channel
- DSP Reverb with Level controls for each channel
- Main level control with mute switch
- Tripod speaker stand and nylon carrying bag included for easy setup and transport

WARNING

IMPORTANT SAFETY INSTRUCTIONS

Your Bag-Amp is made of a very durable polymer composite material. However, extra care should be taken to protect the finish and speakers. These simple tips will help reduce wear and tear on your Bag-Amp.

1. Read all instructions before using.
2. Avoid direct contact with the speaker. Care should be taken to avoid damage to speakers.
3. Do not use or store around excessive moisture.
4. At very high volume this product may be capable of producing sound levels that could cause hearing damage. Do not operate at uncomfortable levels for prolonged periods. If hearing loss or ringing in ears is experienced, consult a physician.
5. The Bag-Amp should be positioned so that proper ventilation is maintained.
6. Keep away from heat sources such as radiators, heat vents, and other devices (including amplifiers) that produce heat.
7. The Bag-Amp should be connected to a power supply described in the operating instructions or as marked. Replace fuse with correct type, size, and rating.
8. The power supply cord should: (1) be undamaged, (2) never share an outlet or extension cord with other devices so that the outlet has exceeded the maximum rating, and (3) never be left plugged into the outlet when not being used for a long period of time.
9. This product should be serviced by qualified service personnel if:
 - The power supply cord or the plug has been damaged.
 - One of the speakers has been damaged.
 - There has been excessive exposure to rain.
 - The Bag-Amp does not appear to operate normally or exhibits a change in performance.
 - The unit has been dropped, or the enclosure damaged.
 - Do not attempt to service the product beyond what is described in these instructions. All other repairs should be referred to qualified service personnel.
 - Clean only with damp cloth.
 - Use only with the supplied stand.
 - Units designed with Class-I construction (like the Bag-Amp) must be connected to an outlet with a grounded connection.

INSTALLATION & OPERATION

Please read this manual thoroughly before using.

INSPECTION

Your Bag-Amp was carefully packed at the factory in packaging designed to protect the unit in shipment. Before installing and using your unit, carefully examine the packaging and all contents for any signs of physical damage that may have occurred in transit.

CONTENTS

- Instruction manual
- Bag-Amp
- AC power cord
- Tripod speaker stand
- Nylon carrying bag

SETTING UP

The Bag-Amp and stand fit securely in the supplied padded bag.

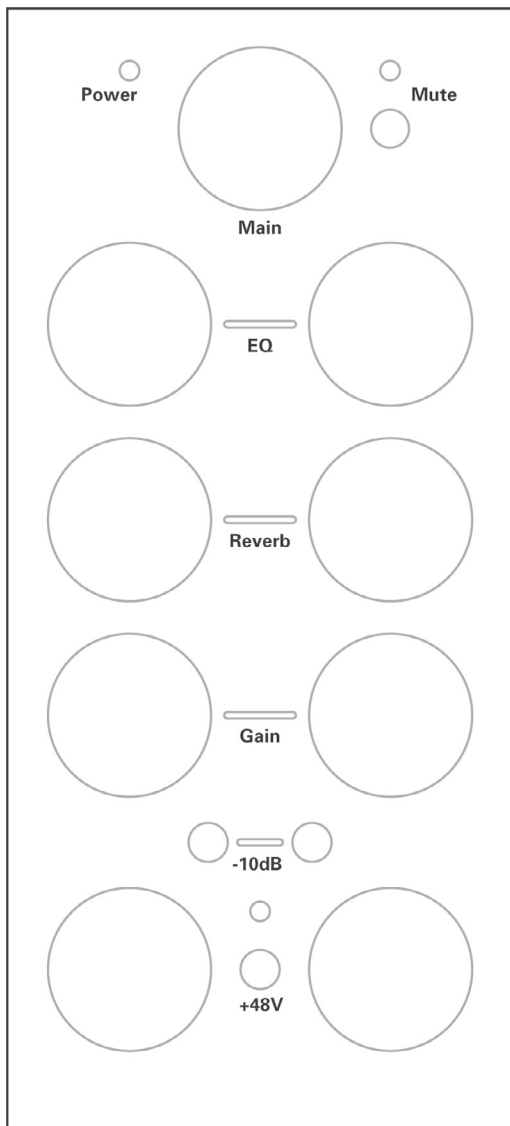
- Open the bag and remove the stand.
- Loosen the knobs, set up the stand, select height.
- Insert the metal pin through the stand.
- Tighten the knobs to secure.
- Remove Bag-Amp from the padded bag.
- Place Bag-Amp on stand securely through bottom mounting hole.
- Plug the **AC power cord** into the **rear panel jack (11)**, then power cord into a nearby power outlet. The Bag-Amp has an internal power supply and is designed to operate from an external AC source (Power Range: AC 100~240V, 50/60Hz (+/- 10%). Make sure that the unit is turned off before connecting to the **AC power source** to avoid possible loud transients that can damage your speakers or your ears, especially when monitoring with headphones.
- Turn on unit with **Power ON/OFF Switch (13)** on rear panel. The **Power On LED (1)** will light.
- Plug in mic or instrument, make any necessary adjustments, setting **channel gain**, **EQ**, and **reverb**.

- **Master volume (2)** controls the level of the main power amplifier. NOTE: The Bag-Amp can be set to very high sound levels. To protect the system from damage, included is an active protection circuit. At high sound levels this active protection will lower the output until the volume is adjusted.

CONTROLS AND CONNECTIONS

- The front panel has **2x combo XLR-¼ (8)** input jacks for the following inputs: ¼" instrument level, ¼" line level, XLR dynamic microphone, XLR condenser microphone, & XLR line level
- **10dB attenuation pad button (7)** next to each input jack to best match the level of each input source.
- **Phantom power button (9)** switches on and off 48VDC phantom power to both channels simultaneously for using a condenser microphone with an XLR plug. NOTE: Sending 48VDC phantom power to the XLR plug of a dynamic microphone will not typically harm the microphone. However to avoid possible damage, we recommend that you verify this for any specific dynamic microphone prior to using phantom power.
- **Gain adjustment knob (6)** adjusts the input sensitivity. NOTE: The gain knob can be used to avoid distortion and feedback with high level signals. It is best to begin with the gain lower to avoid damaging the power amplifier section.
- **Reverb knob (5)** is used to control the level of reverb for each channel.
- **EQ knob (4)** adjusts the low & high frequencies. Top center (detent position) enables flat operation (no EQ effect). Turning the knob to the right increases the level of treble and reduces the bass level. Turning the knob to the left increases the bass level and reduces the treble.
- **Mute button (3)** mutes both channels. A small red LED is on when the mute is active. The mute button shuts off the signal to both the internal power amplifier and to the rear line output, so that inputs can be swapped or instrument or mic adjustments can be made without unwanted noise.

FRONT PANEL CONTROLS & CONNECTIONS



(1) **POWER ON LED**

(2) **MAIN LEVEL CONTROL**

Summed output volume adjust

(3) **MAIN MUTE SWITCH**

For quick removal of all audio

(4) **EQ CONTROLS (CHANNELS 1 & 2)**

Clockwise increases treble

Counter-clockwise increases bass

(5) **REVERB LEVEL (CHANNELS 1 & 2)**

Controls level of reverb for each channel

(6) **CHANNEL INPUT GAIN**

Increase/Decrease channel input sensitivity, depending on type of input source

(7) **10DB ATTENUATOR**

Decreases level of individual channel gain when pressed

(8) **COMBO XLR – 1/4" INPUT**

For proper connection of instruments, microphones, and other audio sources

(9) **48V PHANTOM POWER**

Supplies additional +48VDC for powering condenser microphones

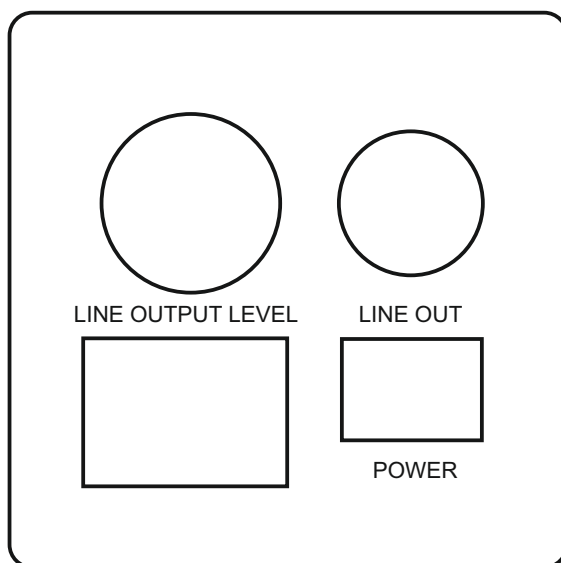
REAR PANEL CONTROLS & CONNECTIONS

(10) **LINE OUTPUT LEVEL**

Control Adjusts volume of XLR line output

(12) **BALANCED XLR LINE OUT**

With separate level control, for connecting to external powered subwoofer or additional audio source



(11) **AC CORD INPUT**

Built-in internal 120V/240V switching power supply

(13) **ON/OFF SWITCH**

SPECIFICATIONS

AMPLIFIER AND SPEAKER SYSTEM

POWER250W RMS @ 6 Ω , 1%THD at 1kHz

S/N RATIO56.5dB

THD $\leq 0.17\%$ @1kHz $\leq 0.63\%$ @1kHz

SPEAKERS3" Woofer, 6 Ω

FREQUENCY RESPONSE100kHz - 18kHz (± 3 dB)

SENSITIVITY @ INPUT & OUTPUT

- Mic/Line.....-37dB
- Max Input Level XLR-16dBv
- Max Input Level 1/4" +9dB
- Max Output Level XLR.....26dB

EQUALIZATION.....Single knob, clockwise increases treble; counter-clockwise increases bass

POWER REQUIREMENTS 100-120 VAC, 220-240 VAC, 50-60Hz

DIMENSIONS (H X W X D).....8.6" x 35.8" x 3.5" (21.8cm x 90cm x 9cm)

WEIGHT.....20bs. (8.8 Kg)

The specifications above are correct at the time of printing of this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.

SERVICE FOR YOUR PRODUCT

Please do not return our product to the store where it was purchased.
Asia Music assumes the responsibility of keeping you a satisfied customer.

DO NOT ATTEMPT TO SERVICE THIS UNIT YOURSELF AS IT CAN BE DANGEROUS AND WILL ALSO VOID THE WARRANTY.

If factory service is required, please call our Service Department at +7-(3952)-54-56-89 or e-mail reiro@asiamusic.ru. If unit is past the One Year Warranty, Asia Music Service Department will provide a quote for service or replacement. Please make sure a cashier's check or money order is enclosed with the shipment to Asia Music.

If unit is within the One Year Warranty from purchase, please check Warranty terms for further instruction before sending in unit.

For service, please ship units prepaid to:

Asia Music, 664510, Dzerginsk settlement, Ushakovskaya street, 3A



ASIAMUSIC

Established in 1991